

GenCore version 5.1.4.p5.4578
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OM protein - protein search, using sw model

Run on: March 24, 2003, 16:03:35 ; Search time 5.91061 Seconds

(without alignments)
750.746 Million cell updates/sec

Title: US-09-988-971-2_COPY_94_176

Perfect score: 446

Sequence: 1 WLVEGLSRKAEKELLPGN.....WLXSPRLTFPSQLQALVDHY 83

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 221153 seqs, 5346247 residues

Total number of hits satisfying chosen parameters: 221153

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*
1: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/PCIT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubpaa/PCITUS_PUBCOMB.pep.*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
10: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	358	80.3	159	10	US-09-867-550-954
2	254	57.0	505	9	US-09-977-260-17
3	254	57.0	505	10	US-09-977-269-17
4	243	54.5	276	9	US-09-870-759-64
5	242	54.3	512	9	US-09-977-260-16
6	242	54.3	512	10	US-09-977-269-16
7	232.5	52.1	454	10	US-09-771-161A-95
8	232.5	52.1	505	10	US-09-771-161A-186
9	228	51.1	509	9	US-09-977-269-18
10	228	51.1	509	10	US-09-977-269-19
11	224.5	50.3	499	9	US-09-977-260-15
12	224.5	50.3	499	10	US-09-977-269-15
13	212	47.5	529	9	US-09-977-269-15
14	212	47.5	529	10	US-09-977-269-15
15	212	47.5	543	10	US-09-977-269-14
16	212	47.5	543	10	US-09-977-269-14
17	209	46.9	537	10	US-09-771-161A-212
18	209	46.9	537	10	US-09-771-161A-213
19	206	46.2	311	10	US-09-771-161A-121

20	206	46.2	387	10	US-09-771-161A-122	Sequence 122, App
21	206	46.2	537	9	US-09-977-260-11	Sequence 11, Appl
22	206	46.2	537	10	US-09-977-269-11	Sequence 11, Appl
23	195	43.7	536	9	US-09-977-260-12	Sequence 12, Appl
24	195	43.7	536	10	US-09-977-269-12	Sequence 12, Appl
25	186	41.7	91	9	US-10-097-534-62	Sequence 62, Appl
26	177	39.7	536	9	US-09-977-260-13	Sequence 13, Appl
27	177	39.7	536	9	US-09-928-266-10	Sequence 10, Appl
28	177	39.7	536	10	US-09-977-269-13	Sequence 13, Appl
29	166	37.2	96	10	US-09-867-550-952	Sequence 952, App
30	153	34.3	113	10	US-09-867-550-1916	Sequence 1916, Ap
31	151.5	34.0	505	9	US-09-977-260-6	Sequence 6, Appl
32	151.5	34.0	505	10	US-09-977-269-6	Sequence 6, Appl
33	151.5	34.0	505	10	US-09-982-610-20	Sequence 20, Appl
34	128.5	28.8	162	10	US-09-904-112-1	Sequence 11, Appl
35	124.5	27.9	197	9	US-10-016-634A-11	Sequence 171, Appl
36	112	25.1	357	9	US-09-928-266-9	Sequence 9, Appl
37	112	25.1	450	9	US-09-977-260-7	Sequence 7, Appl
38	112	25.1	450	10	US-09-977-269-7	Sequence 7, Appl
39	111.5	25.0	608	10	US-09-740-046-2	Sequence 2, Appl
40	111	24.9	620	9	US-09-977-260-9	Sequence 9, Appl
41	111	24.9	620	10	US-09-977-269-9	Sequence 9, Appl
42	109.5	24.6	217	10	US-09-765-298A-6	Sequence 6, Appl
43	108	24.2	822	9	US-10-003-295-4	Sequence 4, Appl
44	106	23.8	595	10	US-09-920-021A-1	Sequence 1, Appl
45	105.5	23.7	847	10	US-09-765-298A-10	Sequence 10, Appl

ALIGNMENTS

RESULT 1
US-09-867-550-954
Sequence 954, Application US/09867550
Patent No. US20020082206A1
GENERAL INFORMATION:
APPLICANT: Leach, Martin D.
APPLICANT: Mehraban, Foad.
APPLICANT: Conley, Pamela
APPLICANT: Law, Debbie
APPLICANT: Topper, James
TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
FILE REFERENCE: 21402-013 (Cura-113)
CURRENT APPLICATION NUMBER: US/09/867,550
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: USN 60/208,427
PRIOR FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 2125
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 954
LENGTH: 159
TYPE: PRT
ORGANISM: Homo sapiens
US-09-867-550-954

Query Match 80.3%; Score 358; DB 10; Length 159;
Best Local Similarity 100.0%; Pred. No. 9.4e-37;
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 WLVEGLSRKAEKELLPGNPGAFILRSQRRGSSLSVRLSRPASWDRIIRYRTHCL 60
DB 94 WLVEGLSRKAEKELLPGNPGAFILRSQRRGSSLSVRLSRPASWDRIIRYRTHCL 153
QY 61 DNGWLY 66
DB 154 DNGWLY 159

RESULT 2
US-09-977-260-17
Sequence 17, Application US/09977260
Publication No. US20020192790A1

```
; GENERAL INFORMATION:
; APPLICANT: ULRICH, AXEL
; APPLICANT: GISHIZKY, MIKHAIL
; APPLICANT: SURES, IRMINGARD
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
; FILE REFERENCE: 038602/1260
; CURRENT APPLICATION NUMBER: US/09/977,260
; PRIOR FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 08/232,545
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 505
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-977-260-17
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Query Match          57.0%; Score 254; DB 9; Length 505;
Best Local Similarity 57.8%; Pred. No. 2,8e-23;
Matches 48; Conservative 13; Mismatches 22; Indels 0; Gaps 0;
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Qy 1 WLYEGLSRKAEKELLPGNPGAFILRESQTRGYSLSVRLSRPASMDIRIRHICL 60
Db 123 WFEKGISRKDAERQLAPGNMGSEFMIRDSEITTKGYSLSVRDYPDROGDTVKYKIRTL 182
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Qy 61 DNGMLYISPRLTFFPSLOALVDHY 83
Db 183 DNGGFYISPRSTFSTLOELVDHY 205
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RESULT 3
US-09-977-269-17
; Sequence 17, Application US/09977269
; Patent No. US20020082037A1
; GENERAL INFORMATION:
; APPLICANT: ULRICH, AXEL
; APPLICANT: GISHIZKY, MIKHAIL
; APPLICANT: SURES, IRMINGARD
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
; FILE REFERENCE: 038602/1260
; CURRENT APPLICATION NUMBER: US/09/977,269
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 08/232,545
; PRIOR FILING DATE: 1994-04-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 505
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-977-269-17
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Query Match          57.0%; Score 254; DB 10; Length 505;
Best Local Similarity 57.8%; Pred. No. 2,8e-23;
Matches 48; Conservative 13; Mismatches 22; Indels 0; Gaps 0;
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Qy 1 WLYEGLSRKAEKELLPGNPGAFILRESQTRGYSLSVRLSRPASMDIRIRHICL 60
Db 123 WFEKGISRKDAERQLAPGNMGSEFMIRDSEITTKGYSLSVRDYPDROGDTVKYKIRTL 182
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Qy 61 DNGMLYISPRLTFFPSLOALVDHY 83
Db 183 DNGGFYISPRSTFSTLOELVDHY 205
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RESULT 4
US-09-870-759-64
; Sequence 64, Application US/09870759
; Patent No. US20020177551A1
; GENERAL INFORMATION:
; APPLICANT: TERMAN, DAVID S
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
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; FILE REFERENCE: 870759
; CURRENT APPLICATION NUMBER: US/09/870,759
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: US 60/208,128
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-870-759-64
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Query Match          54.5%; Score 243; DB 9; Length 276;
Best Local Similarity 57.8%; Pred. No. 3e-22;
Matches 48; Conservative 12; Mismatches 17; Indels 6; Gaps 1;
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Qy 1 WLYEGLSRKAEKELLPGNPGAFILRESQTRGYSLSVRLSRPASMDIRIRHICL 60
Db 84 WFEKGISRKDAERQLAPGNMGSEFMIRDSEITTKGYSLSVRDYPDROGDTVKYKIRTL 137
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Qy 61 DNGMLYISPRLTFFPSLOALVDHY 83
Db 138 PNMWYISPRLTFFQCLVDVNHY 160
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RESULT 5
US-09-977-260-16
; Sequence 16, Application US/09977260
; Publication No. US20020192790A1
; GENERAL INFORMATION:
; APPLICANT: ULRICH, AXEL
; APPLICANT: GISHIZKY, MIKHAIL
; APPLICANT: SURES, IRMINGARD
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
; FILE REFERENCE: 038602/1260
; CURRENT APPLICATION NUMBER: US/09/977,260
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 08/232,545
; PRIOR FILING DATE: 1994-04-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 512
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-977-260-16
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Query Match          54.3%; Score 242; DB 9; Length 512;
Best Local Similarity 54.2%; Pred. No. 8,7e-22;
Matches 45; Conservative 14; Mismatches 24; Indels 0; Gaps 0;
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Qy 1 WLYEGLSRKAEKELLPGNPGAFILRESQTRGYSLSVRLSRPASMDIRIRHICL 60
Db 129 WFEKGISRKDAERQLAPGNMGSEFMIRDSEITTKGYSLSVRDYPDROGDTVKYKIRTL 188
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Qy 61 DNGMLYISPRLTFFPSLOALVDHY 83
Db 189 DNGGYISPRITPCISDMIRHY 211
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RESULT 6
US-09-977-269-16
; Sequence 16, Application US/09977269
; Patent No. US20020082037A1
; GENERAL INFORMATION:
; APPLICANT: ULRICH, AXEL
; APPLICANT: GISHIZKY, MIKHAIL
; APPLICANT: SURES, IRMINGARD
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
; FILE REFERENCE: 038602/1260
; CURRENT APPLICATION NUMBER: US/09/977,269
; CURRENT FILING DATE: 2001-10-16
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Query Match	54.3%;	Score 242;	DB 10;	Length 512;
Best Local Similarity	54.2%;	Pred. No. 8.7e-22;		
Matches 45;	Conservative 14;	Mismatches 24;	Indels 0;	Gaps 0;

Oy	1	WVEEELSTENKEKEELLPPNPGALINIESQTRGGSYSVSLRSPASMDRIHRHICL	60
	:	:::::	:
Dd	129	WEFKDITKDAERQLAPGNSGAFLIRESETLKGSFSLVSVDPDVHGVIKHKIRSL	188
Oy	61	DNGMWLISSRRTPPSLOALVDAY	83
	:	:::::	:
Dd	189	DNGGYISPRITTFPCISDMIKHY	211

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61  DNGWLYISPRITFPSPQLALVDHY 83
    ||| |||||: ||| : : ||
189 DNGGYISPRITFP CISDMIKHY 211

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US-09-771-161A-95
RESULT 7
: Sequence 95, Application US/09771.161A
: Patent No. US2002011081A1
: GENERAL INFORMATION:
: APPLICANT: LEVIN, et al.
: TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
: FILE REFERENCE: 803620-2005.1
: CURRENT APPLICATION NUMBER: US/09/771.161A
: CURRENT FILING DATE: 2001-01-26
: PRIOR APPLICATION NUMBER: 09/772, 676
: PRIOR FILING DATE: 2000-11-28
: PRIOR APPLICATION NUMBER: 136776
: PRIOR FILING DATE: 2000-06-15
: PRIOR APPLICATION NUMBER: 135619
: PRIOR FILING DATE: 2000-04-12
: NUMBER OF SEQ ID NOS: 273
: SOFTWARE: Patentin version 3.0
: SEQ ID NO 95
: LENGTH: 454
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-771-161A-95

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Query Match	52.1%	Score 232.5	DB 10	Length 454
Best Local Similarity	54.2%	Pred. No. 1.1e-20		
Matches 45	Conservative 13	Mismatches 24	Indels 1	Gaps 1

QY 1 WLVEGLSREKAEELLILPGNPGGAFIREQSOTRRGSYSLSVRLSRASWDIRHRIHCL 60
| : ::|| | : ||::| : : ||::| : : ||:
Db 124 WFFPSQGRKEAERQLLAPINKAGSFIRSEBTNKGAFLSVK-DVTGGELIKHYKIRCL 18

```

QY      61  DNGWLYISPRITFPSLQALVDHY  83
          ||| |||||:||||||| |||
Db     183  DEGGYISPRITFPSLQALVQHY  205

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RESULT 8
 US-09-771-161A-186
 ; Sequence 186, Application US/09771161A
 ; Patent No. US2002010811A1
 ; GENERAL INFORMATION:
 ; APPLICANT: LEVINE, et al.
 ; TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
 ; FILE REFERENCE: 803220-2005.1
 ; CURRENT APPLICATION NUMBER: US/09/771.161A
 ; CURRENT FILING DATE: 2001-01-26
 ; PRIOR APPLICATION NUMBER: 09/7724, 676
 ; PRIOR FILING DATE: 2000-11-28
 ; PRIOR APPLICATION NUMBER: 136776

US-09-771-161a-186

Query Match	52.1%;	Score 232.5;	DB 10;	Length 505;
Best Local Similarity	54.2%;	Pred. No. 1.3e-20;		
Matches 45;	Conservative 13;	Mismatches 24;	Indels 1;	Gaps 1;

Oy 1 MYEELSEKKEETELLIPNPGCAFLLIREQTPRGYSLSVRLSPASMDRIRHRIICL 60
:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::
Db 124 WFFRSQGCKMEHQGLAPFNKAGSFLLRSETNKGFSLSTX-DVTYQDELIKHYKIRC 182
:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::

```

61  DNGWLYISPRITFPSLQALVDHY 83
    |||||:|||||||
183 DEGGYISPRITFPSLQALVQHY 205

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```

RESULT 9
US-09-977-260-18
: Sequence 18, Application US/09977260
: Publication No. US20020192790A1
: GENERAL INFORMATION:
: APPLICANT: ULNICH, AXEL
: APPLICANT: GISHICKY, MIKHAIL
: APPLICANT: SUES, IRMINGARD
: TITLE OF INVENTION: NOVEL MEGABARYCYTIC PROTEIN TYROSINE KINASES
: FILE REFERENCE: 038602/1260
: CURRENT APPLICATION NUMBER: US/09/977,260
: CURRENT FILING DATE: 2001-10-16
: PRIOR APPLICATION NUMBER: 08/232,545
: PRIOR FILING DATE: 1994-04-22
: NUMBER OF SEQ ID NOS: 24
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 18
: LENGTH: 509
: TYPE: PRT
: ORGANISM: Homo sapiens
: US-09-977-260-18

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Query Match	51.1%	Score 228;	DB 9;	Length 509;
Best Local Similarity	54.2%	Pred. No. 4.7e-20;		
Matches	45;	Conservative	12;	Mismatches 26;
			Indels	0;
			Gaps	0

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QY 1 MVEGEGSEKKEELLPPNPGGALLRESGTGRGYSVRLSRPAMDRIRHRIHCL 60
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Db 127 WFFKSLKSKDAERGLAPNTHGTFLLREBSSTAGSFSLVRDPDQNGGVVYHKINL 186
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 61 DNGMLYSPRLTFPSQALVDVY 83
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 187 DNGGYISPRITTFGCHLVRYH 209
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :

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61 DNGWLYISPRLTSPSLQALVDHY 83
   ||| |||||: ||| |||
187 DNGGFYISPRITFPGLHELVRHY 209

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RESULT 10
US-09-977-269-18
; Sequence 18, Application US/09977269
; Patent No US200200682037A1
; GENERAL INFORMATION:
; APPLICANT: ULRICH, AXEL
; APPLICANT: GISHIZKY, MIKHAEL
; APPLICANT: SUDES, IRMINGARD
; TITLE OF INVENTION: NOVEL MEKANARYCYTIC PROTEIN TYROSINE KINASES
; FILE REFERENCE: 038602/1260
; CURRENT APPLICATION NUMBER: US/09/977,269
; CURRENT FILING DATE: 2001-10-16
; PRIORITY APPLICATION NUMBER: 08/233,545
; PRIORITY FILING DATE: 1994-04-22
;

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NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 18
LENGTH: 509
TYPE: PRT
ORGANISM: Homo sapiens
US-09-977-269-18

Query Match 51.1%; Score 228; DB 10; Length 509;
Best Local Similarity 54.2%; Pred. No. 4.7e-20;
Matches 45; Conservative 12; Mismatches 26; Indels 0; Gaps 0;

QY 1 WYEGLSREKAEELLPGNPGAFILRESQTRGYSLSVRLSPASMDRIHRIHCL 60
DB 127 WFFRTISRKDAERQLAPNMKAGSFILRESSTAGSFLSRDPQNGEVVKKIRSL 186
QY 61 DNGMLYISPRITFPTLQALVDHY 83
DB 187 DNGGFYISPRITFPTLQALVDHY 209

RESULT 11
US-09-977-260-19
Sequence 19, Application US/09977260
Publication No. US20020192790A1
GENERAL INFORMATION:
APPLICANT: ULLRICH, AXEL
APPLICANT: GISHIZKY, MIKHAIL
APPLICANT: SURES, IRMINGARD
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
FILE REFERENCE: 038602/1260
CURRENT APPLICATION NUMBER: US/09/977,260
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 08/232,545
PRIOR FILING DATE: 1994-04-22
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 19
LENGTH: 499
TYPE: PRT
ORGANISM: Mus sp.
US-09-977-260-19

Query Match 50.3%; Score 224.5; DB 9; Length 499;
Best Local Similarity 51.8%; Pred. No. 1.2e-19;

Matches 43; Conservative 16; Mismatches 23; Indels 1; Gaps 1;

QY 1 WYEGLSREKAEELLPGNPGAFILRESQTRGYSLSVRLSPASMDRIHRIHCL 60
DB 118 WFFRTISRKDAERQLAPNMKAGSFILRESSTAGSFLSRDPQNGEVVKKIRSL 176
QY 61 DNGMLYISPRITFPTLQALVDHY 83
DB 177 DNGGYISPRITFPTLQALVDHY 199

RESULT 12
US-09-977-269-19
Sequence 19, Application US/09977269
Patent No. US20020082037A1
GENERAL INFORMATION:
APPLICANT: ULLRICH, AXEL
APPLICANT: GISHIZKY, MIKHAIL
APPLICANT: SURES, IRMINGARD
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
FILE REFERENCE: 038602/1260
CURRENT APPLICATION NUMBER: US/09/977,269
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 08/232,545
PRIOR FILING DATE: 1994-04-22
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 19

LENGTH: 499
TYPE: PRT
ORGANISM: Mus sp.
US-09-977-269-19

Query Match 50.3%; Score 224.5; DB 10; Length 499;
Best Local Similarity 51.8%; Pred. No. 1.2e-19;
Matches 43; Conservative 16; Mismatches 23; Indels 1; Gaps 1;

QY 1 WYEGLSREKAEELLPGNPGAFILRESQTRGYSLSVRLSPASMDRIHRIHCL 60
DB 118 WFFRTISRKDAERQLAPNMKAGSFILRESSTAGSFLSRDPQNGEVVKKIRSL 176
QY 61 DNGMLYISPRITFPTLQALVDHY 83
DB 177 DNGGYISPRITFPTLQALVDHY 199

RESULT 13
US-09-977-260-15
Sequence 15, Application US/09977260
Publication No. US20020192790A1
GENERAL INFORMATION:
APPLICANT: ULLRICH, AXEL
APPLICANT: GISHIZKY, MIKHAIL
APPLICANT: SURES, IRMINGARD
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
FILE REFERENCE: 038602/1260
CURRENT APPLICATION NUMBER: US/09/977,260
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 08/232,545
PRIOR FILING DATE: 1994-04-22
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 529
TYPE: PRT
ORGANISM: Homo sapiens
US-09-977-260-15

Query Match 47.5%; Score 212; DB 9; Length 529;
Best Local Similarity 50.6%; Pred. No. 4.6e-18;
Matches 42; Conservative 13; Mismatches 28; Indels 0; Gaps 0;

QY 1 WYEGLSREKAEELLPGNPGAFILRESQTRGYSLSVRLSPASMDRIHRIHCL 60
DB 144 WYFGIKGKDAERQLSPNPGAFILRESSTAGSFLSRDPQNGEVVKKIRSL 203
QY 61 DNGMLYISPRITFPTLQALVDHY 83
DB 204 DNGGYITTRVQFNVSQELVDHY 226

RESULT 14
US-09-977-269-15
Sequence 15, Application US/09977269
Patent No. US20020082037A1
GENERAL INFORMATION:
APPLICANT: ULLRICH, AXEL
APPLICANT: GISHIZKY, MIKHAIL
APPLICANT: SURES, IRMINGARD
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
FILE REFERENCE: 038602/1260
CURRENT APPLICATION NUMBER: US/09/977,269
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 08/232,545
PRIOR FILING DATE: 1994-04-22
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 529
TYPE: PRT
ORGANISM: Homo sapiens

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US-09-977-269-15

Query Match	47.5%;	Score 212;	DB 10;	Length 529;
Best Local Similarity	50.6%;	Pred. No. 4.6e-18;		
Matches	42;	Conservative	13;	Mismatches 28;
			Indels	0;
			Gaps	0;

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Qy      1 WLVEGISREKAEELLPLPNGPGAFILRSQTRKRSYSLSTVRLSPRASWDRIRHYRHL 60
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 144 WYFGKIGRKDAERQLLSPNGPGAFILRSSETTKGAYSLSTRDWDQTRGDHVKHYKIRKL 203

```

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QY      61 DNGWLISPRLTSPSLQALVDHY 83
          |||:|:|:|:|
Db     204 DMGGYITTRVQFNSVQELVDHY 226
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RESULT 15

US-09-977-260-14

; Sequence 14, Application US/09977260
 ; Publication No. US20020192790A1
 ; GENERAL INFORMATION:
 ; ADDITIONAL INFORMATION:

APPLICANT: ULLRICH, AXEL

APPLICANT: GISHIZKY, MIKHAIL

APPLICANT: SURES, IRMINGARD

TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES

FILE REFERENCE: 038602/1260

FILE REFERENCE: 038602/1260
CURRENT APPLICATION NUMBER: US/09/977.260

CURRENT FILING DATE: 2001-10-16

CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 08/233 545

PRIOR APPLICATION NUMBER: 08/22
PRIOR FILING DATE: 1004-04-23

PRIOR FILING DATE: 1994-04-
NUMBER OF SEQ ID NOS: 34

NUMBER OF SEQ ID NOS: 24

; SOFTWARE: F

; SEQ ID NO 14

; LENGTH: 543

TYPE: PRT

ORGANISM: Homo sapiens

Query Match

47.5%; Score 212; DB 9; Length 543;

Best Local Similarity 50.0%; Pred. No. 4.8e-18,

Matches 44; Conservative 11; Mismatches 23; Indels 10; Gaps 2.

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QY      1 WLYEGSLREKAEELLPLPGNPGAPLIRESQTRRGYSLSVRLSPASWDRIR-----HY 55
        | : : : | | | | | | : | : | : | : | : | : | : | : | : | : | : | : |
Db     158 WYFGKGRKRDARLLLPNGNQGFVLVRSEETTKGAYSLSTR----DWDELRGDNVKH Y 21
```

```
QY      56 RHCLDNGWL YISPR LTFPS LQALVDHY 83
      : | | | | : | | : | | | | |
Db      213 KIRKLDNGGYITTR AOFDT LQKLVKHY 240
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Search completed: March 24, 2003, 16:06:11
Job time : 6.91061 secs

